GEOLOGICAL SURVEY SUPPORT SPECIALIST

RESOURCE CATEGORY	Damage Assessment
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Geological Survey Support Specialist provides technical geological expertise during emergencies by augmenting and supporting the state geological survey office in an Emergency Operations Center (EOC), an Incident Command Post (ICP), state geological survey headquarters/office, a technical information clearinghouse, or a comparable operations post
COMPOSITION AND ORDERING SPECIFICATIONS	1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (Geology Field Reconnaissance Team). 2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	SINGLE TYPE	NOTES
DESCRIPTION	The Geological Survey Support Specialist: 1. Helps analyze geological data and develop decision-making documents, tools, and reports to support the requestor's public safety-related emergency response and recovery efforts 2. Helps compile and analyze field geological data to support emergency response and recovery decisions	Not Specified
EDUCATION	Bachelor's degree in geology, seismology, hydrology, geophysics, engineering geology, geotechnical engineering, or other discipline related to earth science	Not Specified
TRAINING	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Basic Incident Command System for Initial Response, ICS-200 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction	Not Specified
EXPERIENCE	Knowledge, Skills, and Abilities: 1. Knowledge of geo-hazard principles 2. Ability to use word processing, spreadsheet, and simple graphics programs 3. Familiarity with Geographic Information Systems (GIS) Experience: 1. Two years of experience in geological/geotechnical assessment 2. Experience with collecting, analyzing, and creating geo-hazard data	Not Specified
PHYSICAL/MEDICAL FITNESS	Light	NIMS Guideline for the National Qualification System (NQS) defines physical / medical fitness levels for NIMS positions.
CURRENCY	Functions in this position during an operational incident, planned event, exercise, drill, or simulation at least once every five years	Not Specified

COMPONENT	SINGLE TYPE	NOTES
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component.
2. This document contains references to non-Federal resources and materials. Such references do not constitute an endorsement by the U.S. government, or any of its employees, of the information or content which a non-Federal resource or material provides.

REFERENCES

1. FEMA, NIMS 508: Geology Field Reconnaissance Team
2. FEMA, National Qualification System (NQS) Position Task Book for Geological Survey Support Specialist, latest edition adopted
3. FEMA, National Incident Management System (NIMS), October 2017
4. FEMA, NIMS Guideline for the NQS, November 2017
5. FEMA, National Response Framework, October 2019
6. U.S. Geological Survey (USGS) Circular 1242: The Plan to Coordinate NEHRP Post-Earthquake Investigations, latest edition adopted
7. Applied Technology Council (ATC), ATC-20-1: Field Manual: Post-earthquake Safety Evaluation of Buildings, latest edition adopted
8. ATC, ATC-45: Field Manual: Safety Evaluation of Buildings after Windstorms and Floods, latest edition adopted